

APPENDIX A

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NO. 245

P. 2

International Cosmetic Ingredient Dictionary and Handbook

**Eleventh Edition
2006**

Volume 2

INCI Name Monographs I-S

International Cosmetic Ingredient Dictionary and Handbook

**Eleventh Edition
2006**

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Volume 2

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NO. 2145 P. 5

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Macrogol 1000 (NOF)
Pluracol E 1000 (BASF)
Polyglykol 1000 (Clariant)
Polyglykol 1000 (Clariant GmbH, Personal Care)
Renex PEG 1000 (Uniqema Americas)
Sabopeg 1000 (Sabo)
Toho PEG#1000 (Toho)
Unipeg-1000 X (Universal Preserv-A-Chem)
Upiwax 1000 (Universal Preserv-A-Chem)

Trade Name Mixtures:

Silwax WS (Siltech LLC)
Suncaps 664 (Particle Sciences)
Suncaps 903 (Particle Sciences)

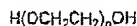
PEG-32**CTFA Monograph ID:** 1955**CAS No.:** 25322-68-3 (Generic)**JPN Translation:**

PEG - 32

CN Translation:

聚乙二醇-32

Definition: PEG-32 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 32.

Information Sources: BAN, BP, BPC,

21CFR172.210, 21CFR172.770,
21CFR172.820, 21CFR173.310,
21CFR173.340, 21CFR175.105,
21CFR176.300, 21CFR178.3750,
21CFR178.3910, CIR: [SQ] JACT-12(5)-
1993, CTFA S, CZE, FCC, HUN, INN, JAN,
JCIC, JCLS, JSQI, MAR, MI-13(7651), NF
XVIII, TSCA, USAN, USD

Chemical Classes: Alkoxyated Alcohols;
Polymeric Ethers

Functions: Binder; Humectant; Solvent**Ingredient Source:** Synthetic

Reported Product Categories: Bath Oils,
Tablets, and Salts; Moisturizing Preparations;
Cleansing Products (Cold Creams, Cleansing
Lotions, Liquids and Pads); Bath Capsules;
Skin Care Preparations, Misc.; Dentifrices
(Aerosol, Liquid, Pastes and Powders); Bath
Preparations, Misc.; Body and Hand Prepa-
rations (Excluding Shaving Preparations);
Face and Neck Preparations (Excluding
Shaving Preparations); Paste Masks (Mud
Packs); Mascara

Technical/Other Names:

macrogol (INN)
Polyethylene Glycol 1540
Polyoxyethylene (32)

Trade Names:

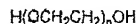
Carbowax PEG 1450 (Dow Chemical)
Jeechem 1450 NF (Jellicoe Co. LTD)
Lipo Polyglycol 1500 (Lipo)
Lipo Polyglycol 3350 (Lipo)
Lipoxol 1500 MED (Sasol GmbH - Marl)
Lumulse PEG 1450 (Lambent)
Macrogol 1500 (NOF)
Macrogol 1540 (NOF)
Pluracare E 1500 (BASF)
Pluracol E 1450 (BASF)
Polyglycol E1450 (Dow Chemical)
Polyglykol 1500 (Clariant)
Polyglykol 1500 (Clariant GmbH, Personal Care)
Protachem 1450 NF (Protameen)
Renex PEG 1500 (Uniqema Americas)
Sabopeg 1500 (Sabo)
Sympatens-PEG/1500 G (Kolb)
Toho PEG#1540 (Toho)
Unipeg-1540 X (Universal Preserv-A-Chem)

Trade Name Mixtures:

Carbowax PEG 540 Blend (Dow Chemical)
Lanogen 1500 (Clariant)
Lanogen 1500 (Clariant GmbH, Personal Care)
Swertianin-P (Ichimaru Pharcos)
Unipeg-1500 X (Universal Preserv-A-Chem)
Uniwax 1450 (Universal Preserv-A-Chem)

PEG-33**CTFA Monograph ID:** 17410

Definition: PEG-33 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 33.

Chemical Classes: Alkoxyated Alcohols;
Polymeric Ethers

Functions: Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Technical/Other Names:**

Polyethylene Glycol (33)
Polyoxyethylene (33)

Trade Name Mixtures:

SilSense Copolyol-1 Silicone (Noveon)
SilSense Copolyol-7 Silicone (Noveon)

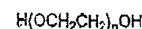
PEG-40**CTFA Monograph ID:** 1956**CAS No.:** 25322-68-3 (Generic)**JPN Translation:**

PEG - 40

CN Translation:

聚乙二醇-40

Definition: PEG-40 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 40.

Information Sources: BAN,

21CFR172.210, 21CFR172.770,
21CFR172.820, 21CFR173.310,
21CFR173.340, 21CFR175.105,
21CFR175.300, 21CFR176.200,
21CFR178.3750, 21CFR178.3910, INN,
JAN, JCIC, JCLS, MI-13(7651), NF XVIII,
ROM, TSCA, USAN

Chemical Classes: Alkoxyated Alcohols;
Polymeric Ethers

Functions: Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Technical/Other Names:**

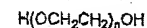
macrogol (INN)
Polyethylene Glycol (2000)
Polyoxyethylene (40)

Trade Names:

Pluracol E 2000 (BASF)
Polyglykol 2000 (Clariant)
Polyglykol 2000 (Clariant GmbH, Personal Care)

PEG-45**CTFA Monograph ID:** 11904**CAS No.:** 25322-68-3 (Generic)

Definition: PEG-45 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 45.

Information Source: INN

Chemical Classes: Alkoxyated Alcohols;
Polymeric Ethers

Functions: Binder; Humectant; Solvent**Ingredient Source:** Synthetic**Technical/Other Names:**

macrogol (INN)
Polyethylene Glycol (45)
Polyoxyethylene (45)

Trade Name:

Toho PEG#2000 (Toho)

PEG-55**CTFA Monograph ID:** 7532

The inclusion of any compound in the Dictionary and Handbook does not indicate that use of that substance as a cosmetic ingredient complies with the laws and regulations governing such use in the United States or any other country.

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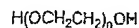
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CAS No.: 25322-68-3 (Generic)

CN Translation:

聚乙二醇-55

Definition: PEG-55 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 55.

Information Sources: BAN, INN, JAN, NF XVIII, USAN

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol (55)

Polyoxyethylene (55)

Trade Names:

Jeechem 3350 NF (Jellite Co. LTD)

Renex PEG 3350 (Uniqema Americas)

PEG-60

CTFA Monograph ID: 5425

CAS No.: 25322-68-3 (Generic)

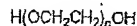
JPN Translation:

PEG - 60

CN Translation:

聚乙二醇-60

Definition: PEG-60 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 60.

Information Sources: BAN, INN, JAN, MI-13(7651), NF XVIII, USAN

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol 3000

Polyoxyethylene (60)

Trade Names:

Polyglykol 3000 (Clariant)

Polyglykol 3000 (Clariant GmbH, Personal Care)

PEG-75

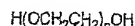
CTFA Monograph ID: 1957

CAS No.: 25322-68-3 (Generic)

JPN Translation:

PEG - 75

Definition: PEG-75 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 75.

Information Sources: BAN, BP, BPC, BRA, 21CFR172.210, 21CFR172.770, 21CFR172.820, 21CFR173.310, 21CFR173.340, 21CFR175.105, 21CFR175.300, 21CFR178.3750, 21CFR178.3910, CIR: [SQ] JACT-12(5)-1993, CTFA S, FCC, HUN, INN, JAN, JCLS, JSCI, MAR, MI-13(7651), NF XVIII, NFJ, PN, POL, ROM, TSCA, USAN, USD

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Reported Product Categories: Skin Care Preparations, Misc.; Paste Masks (Mud Packs); Bath Oils, Tablets, and Salts; Cleansing Products (Cold Creams, Cleansing Lotions, Liquids and Pads); Moisturizing Preparations

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol 4000

Polyoxyethylene (75)

Trade Names:

Carbowax PEG 3350 (Dow Chemical)

Lipoxol 3350 MED (Sasol GmbH - Marl)

Lumulse PEG 3350 (Lambert)

Pluracare E 3400 (BASF)

Pluracol E 4000 (BASF)

Polyglykol 3350 (Clariant)

Polyglykol 3350 (Clariant GmbH, Personal Care)

Protachem 75 (Protameen)

Renex PEG 4000 (Uniqema Americas)

Sabopeg 4000 (Sabo)

Sympatens-PEG/4000 G (Kolb)

Upiwax 3350 (Universal Preserv-A-Chem)

Trade Name Mixture:

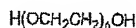
Suncaps C (Particle Sciences)

PEG-80

CTFA Monograph ID: 16469

CAS No.: 25322-68-3 (Generic)

Definition: PEG-80 is the polymer of ethylene oxide that conforms generally to the formula:



where n has an average value of 80.

Information Source: INN

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol (80)

Polyethylene Glycol 4000

Polyoxyethylene (80)

Trade Name:

Protachem 400 (Protameen)

PEG-90

CTFA Monograph ID: 6966

CAS No.: 25322-68-3

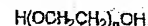
JPN Translation:

PEG - 90

CN Translation:

聚乙二醇-90

Definition: PEG-90 is the polymer of ethylene oxide that conforms to the formula:



where n has an average value of 90.

Information Sources: BAN, INN, JAN, NF XVIII, USAN

Chemical Classes: Alkoxylated Alcohols; Polymeric Ethers

Functions: Binder; Humectant; Solvent

Ingredient Source: Synthetic

Technical/Other Names:

macrogol (INN)

Polyethylene Glycol (90)

Polyoxyethylene (90)

Trade Names:

Lipoxol 4000 MED (Sasol GmbH - Marl)

Macrogol 4000 (NOF)

Pluracare E 4000 (BASF)

Polyglykol E-4000 (Dow Chemical)

Polyglykol 4000 (Clariant)

Polyglykol 4000 (Clariant GmbH, Personal Care)

Toho PEG #4000 (Toho)

Unipeg-4000 X (Universal Preserv-A-Chem)

PEG-100

CTFA Monograph ID: 4098

CAS No.: 25322-68-3 (Generic)

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